

SKY ARCHERY USA™

High Performance Equipment



2013 Catalog & Information Guide

Proudly Made in the USA

Built to Perform

810.225.9085
skyarchery.com

SKY TR-7 25" Target Competition I.L.F. Riser

starting at
\$749.99

"The greatest bow never made" until now!
10 Years in the making designed from the ground up with state-of-the-art technology the NEW SKY TR-7 Riser and Limbs.

The Riser:

Building on the template of legendary SKY Risers with the Mathews Harmonica Stabilizers™ and universal grip for unlimited grip choice.

The Limbs:

Time honored traditional bamboo cores with organic feel and natural rigidity sheathed in proprietary SE5 Carbon rendering limbs with consistency and exceptional torsional stability.

System proven in competition, can take your shooting to the next level.



John Magera
SKY Staff Shooter

Built to Perform



High Performance Equipment

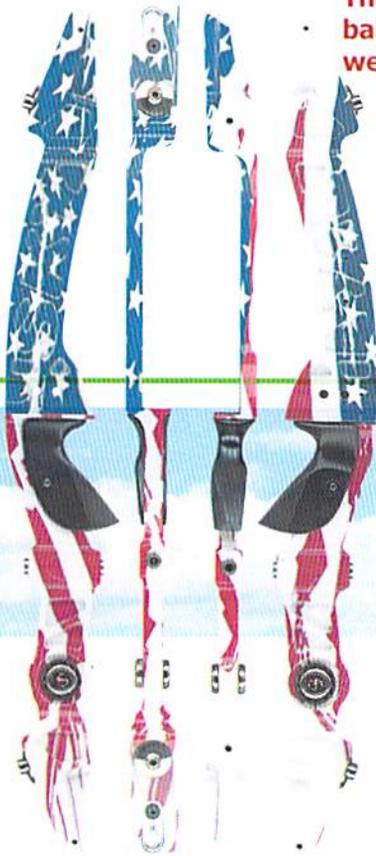
SKY Conquest Advantage™ 25" Target Competition I.L.F. Riser

starting at
\$599.99

The Advantage 25" Competition Recurve gives the 26" to 28" Draw an Extra 1 1/4" of Limb Flex!

This riser has Women and Younger Competitors in mind. The SKY Conquest Advantage 25" is based on Earl Hoyt Jr.'s SKY Conquest Riser incorporating our new innovations. The Advantage 25" is a unique I.L.F. riser because of its Reflex Design with up to 1 1/4" more Reflex than competitors' risers. This gives you superior arrow speed and performance.

The riser is completely balanced in the hand adding weight only where you need it.



Coby Moskowitz
SKY Staff Shooter

SKY
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SKY TDX I.L.F. Hunting System — 13", 17", & 21"

Extend your effective range

This Modern Recurve and Longbow has the tunability for the Modern Bowhunter.

A true center shot riser which accommodates blazer vanes. You can shoot it off the shelf or elevated rest, add sights, Berger Button, Drop-Away rest and even snap on bow quiver. SKY TDX 17" & 21" have Stainless Steel Stabilizer Bushings and are drilled for the Mathews Spider Quiver™.

The 17", with standard I.L.F. Limbs, makes a 58", 60", & 62" bow; crafted from a billet of all 6061-T6 aluminum weighing only 1.7 pounds. Recessed Limb Pockets provide full linear limb adjustments.

Available in Lost Camo Film Dip™ and Solid Black E-Coating, Right and Left Handed. All risers have Double Berger Holes for Off the Shelf or Elevated Rest.



I.L.F. Limbs come in both Recurve and Longbow profiles available in 22" Super-Short, 23" Short, 24" Medium, 25" Long, & and 26" Extra-Long.

TDX Hunting System makes 52", 54", 58", 60", 62", 64", 66", & 68" Length Bows.

Lost Camo™ Riser Only	\$35
Lost Camo™ Limbs Only	\$40
Lost Camo™ Whole Bow	\$70

TDX 21" I.L.F. Riser in Black

High Performance Equipment

TDX 13" I.L.F. Riser
starting at
\$449.99



TDX 17" I.L.F. Riser
starting at
\$499.99



TDX 21" I.L.F. Riser
starting at
\$549.99



TDX 13" I.L.F. Riser with Recurve Excel Limbs
starting at
\$707.98



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Harmonic Dampers
TM



TM

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SKY TD Series Wood I.L.F. Risers

SKY TD13 I.L.F. Riser

starting at
\$424.99

The **SKY TD Series** — the I.L.F. System with all the grace and beauty of natural wood. Smooth shooting and fast, these bows are the perfect answer for the bow hunter who prefers the more traditional look with all the Modern advantages.



Jim Belcher
Owner SKY Archery



SKY TD17 I.L.F. Riser

starting at
\$449.99

Mix and match the 13" & 17" Risers with 22", 23", 24", 25", & 26" Limbs for a versatile range of bow lengths — from ground blind hunting to the 3D course.

17" Riser makes 56", 58", 60", 62", & 64"

— with Recurve Limbs

17" Riser makes 60", 62", & 64"

— with Longbow Limbs

13" Riser makes 52", 54", 56", 58", & 60"

— with Recurve Limbs

13" Riser makes 56", 58", & 60"

— with longbow Limbs

Full Linear Adjustments

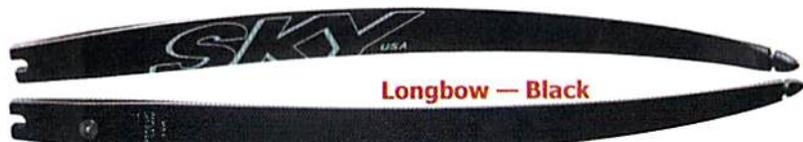


Full Liner Limb Adjustments

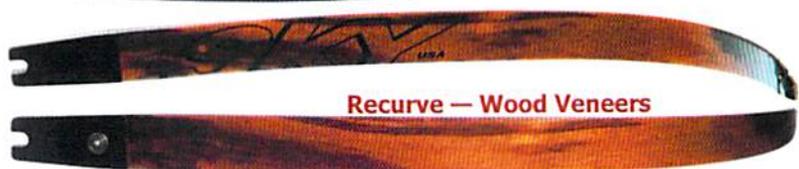
ILF Limb Pocket

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SKY I.L.F. Limbs



Longbow — Black



Recurve — Wood Veneers

I.L.F. Limbs

**Profile: Recurve
& Longbow**

**Limb Lengths:
22" Super Short,
23" Short,
24" Medium,
25" Long, and
26" Super Long**

**All Prices
include
Federal
Excise Tax**

I.L.F. Limbs	Price
TR-7 Limbs — Double Carbon with Bamboo Core — White, Gloss or Non-Glare Finish	\$629.99
Target Vision Limbs — Double Carbon with Foam Core — White or Black, Gloss or Non-Glare Finish	\$629.99
I.L.F. Carbon Elite Limbs — Double Carbon with AAA Select Maple Core — White or Black, Gloss or Non-Glare Finish	\$629.99
I.L.F. XGF Limbs — Glass with Foam Core	
— SIGNATURE: Custom Limbs with Choice of Bubinga, Zebrawood, or Curly Maple Veneers, Non-Glare Finish	\$469.99
— HUNTER: Black Glass, Non-Glare Finish	\$399.99
I.L.F. XGB Limbs — Glass with Bamboo Core	
— SIGNATURE: Custom Limbs with Choice of Flat Bamboo, Bubinga, Zebrawood, or Curly Maple Veneers, Non-Glare Finish	\$444.99
— PRO-HUNTER: Clear Glass, Natural or Amber Bamboo, Non-Glare Finish	\$409.99
— HUNTER: Black Glass, Non-Glare Finish	\$374.99
I.L.F. XGM Limbs — Glass with Maple Core	
— SIGNATURE: Custom Limbs with Choice of Bubinga, Zebrawood, or Curly Maple Veneers, Non-Glare Finish	\$414.99
— PRO-HUNTER: Clear Glass, Brown or Gray Actionwood Veneers, Non-Glare Finish	\$385.99
— HUNTER: Black Glass, Non-Glare Finish	\$349.99
I.L.F. Excel Limbs — Black Glass w/ Maple Core Only, Non-Glare Finish	\$257.99

High Performance Equipment



These limbs are matched and balanced in pairs specifically to your draw length for smoothness and stability. The limbs originally designed by Earl Hoyt Jr. have been kept up to date with the latest core, backing, and facing materials.

We are the first to use "Stabil-Kore"™ -- a light weight material which gives all our limbs lateral, torsion rigidity.

These are the best limbs you will ever shoot.



Russell Wolfe
SKY Staff Shooter

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SKY One Piece Bows

Thunder Recurve 60"

With modern Limb design, this is a fast and smooth Recurve.

Available in 60" length, with striped riser.

Thunder Recurve

Signature	\$640.99
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Rebel Longbow

This fast shooting longbow is super smooth.

Available in 58" & 60" lengths.

Rebel Longbow

Hunter	\$494.99
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Pro-Hunter	\$539.99
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Signature	\$589.99
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SIGNATURE BOW SELECTIONS

Choice of Bubinga, Onyx, Zebrawood, or Curly Maple Veneers, Overlays, & 2-Tone Riser

New for 2013

Eagle Recurve 62"

Hunter	\$429.99
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Pro-Hunter	\$474.99
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All Prices include Federal Excise Tax.

SKY One Piece available as Hunter, Pro-Hunter, & Signature

Hunter: Black Glass, Gray or Brown Actionwood, Non-Glare Finish

Pro-Hunter: Clear Brown Actionwood Core, Riser with stripe; ar-

Signature: Clear Core, Choice of Bubinga, Zebrawood, or Curly Maple Veneers, 2-Tone Riser, and N

High Performance Equipment

Longhorn Longbow

High performance, Reflex / Deflex Longbow that gives the ultimate in smoothness and speed with no compromise.

It is fast. A true point-and-shoot bow with "no stack at the back". Available in 62", 64", and 66" length.

Longhorn Longbow	
Hunter	\$494.99
Pro-Hunter	\$539.99
Signature	\$589.99

Trophy Longbow 66"

The Trophy is the original Longbow designed by Earl Hoyt Jr -- built today on the presses he made!

This is a fantastic entry level bow if you are looking to test your skill with a stick and a string.

Available in 66" length only.

Trophy Longbow	
Hunter Only	\$329.99

Bows Hunter, Signature

with Maple Core,
Wood Riser, and

Glass with Gray or
ores, Overlays, &
Non-Glare Finish

Glass with Bamboo
nga, Onyx,
Maple Veneers &
on-Glare Finish

AVAILABLE UP-GRADES	
Antler Overlays	\$35
Gloss Finish	\$80
Single Carbon	\$100
Foam Core	\$50
2 Piece T/D Conversion	\$120
Leather Grip (Longbows Only)	\$25

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SKY Breeze 52" Youth Recurve

\$169.99

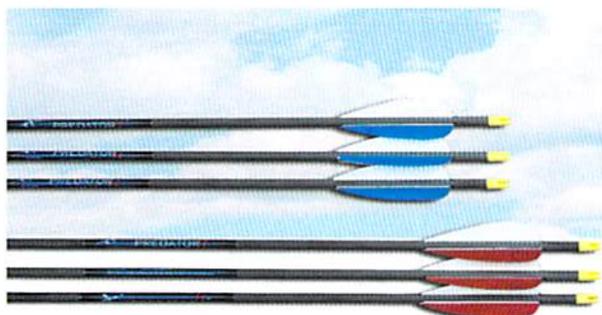
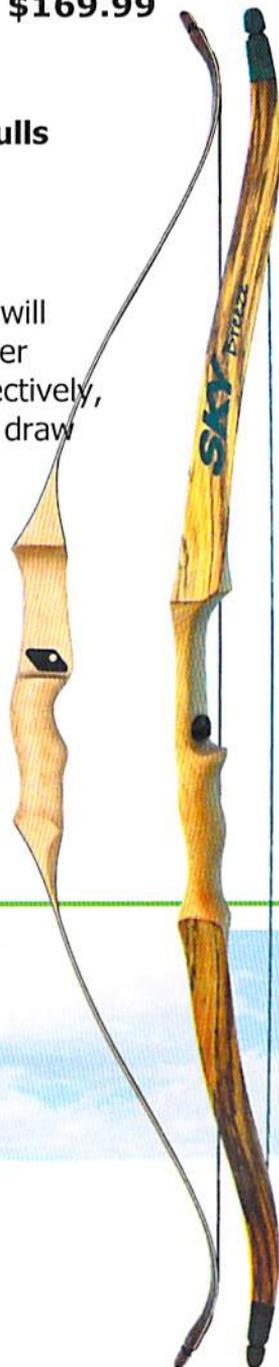
It's a "breeze" to shoot.

Our Youth Recurve 52" long and pulls about 1# per 1".

Available draw weights at 20#, 25#, & 29# @ 28". It is a bow that will grow with the shooter -- as the shooter grows the poundage will go up, respectively, to the growing draw length.



Braylan Pawluk



We recommend shooting Carbon Express™ Predator II, 800 Carbon Arrows (or equivalent) with feather fletching for even better performance.

High Performance Equipment

SKY Hurricane 54" Youth Longbow

\$169.99

Our Youth Longbow is 54" long and pulls about 1# per 1".

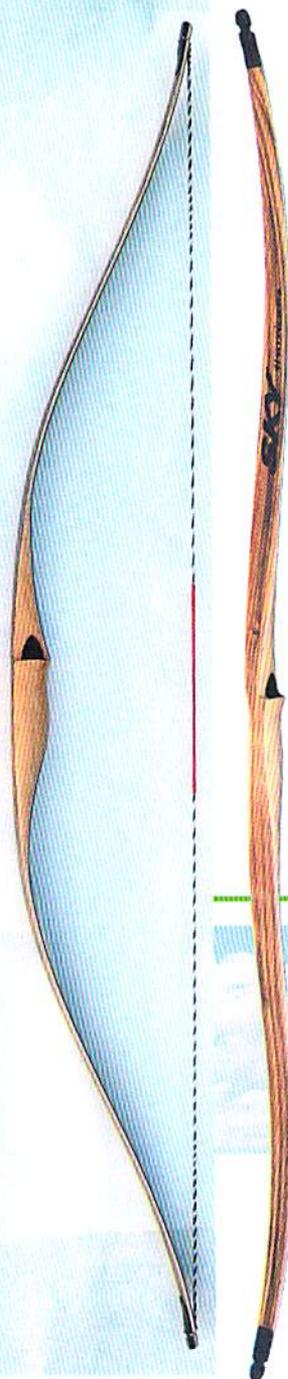
Available draw weights at 20#, 25#, & 29# @ 28". Just like the SKY Breeze.

These two youth bows perform bringing greater enjoyment as you watch your arrows fly down field to the targets.

Great entry level bows with great performance.



Joe & Sam Belcher



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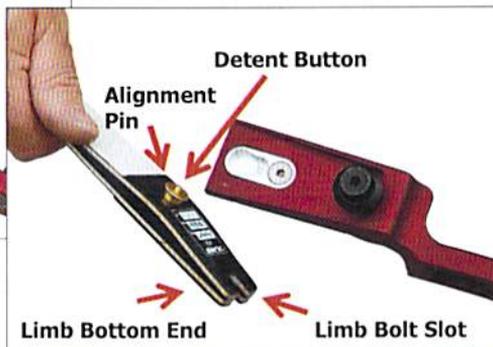
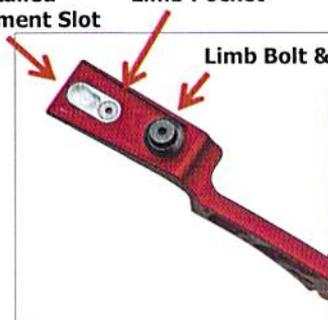
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Instructions for Installing I.L.F. Limbs on SKY I.L.F. Risers

Dovetailed Alignment Slot

Limb Pocket

Limb Bolt & Washer



Start by Inserting Limbs



1. Slip the limb bottom end under the limb bolt washer while putting the alignment pin in alignment slot in the limb pocket.



2. At the same time, slide slotted limb end onto limb bolt.



3. Spring-loaded detent button in the alignment pin will click into place.

Repeat for the other limb, and the bow is ready for string installation.

Tighten Limb Bolts



4. Tighten both limb bolts down just snug and back off $\frac{1}{4}$ turn. This will be your maximum poundage. You can adjust the tiller by turning the top or bottom bolt to get the desired tiller you want. Split Finger Tiller normally is up to $\frac{3}{16}$ " or less on the bottom limb, 3 Fingers Under Tiller is normally even.

To change poundage, loosen or tighten top and bottom limb bolts the same number of turns. For minimum poundage loosen bolts a **MAXIMUM of 5 TURNS** — 1 turn is approximately 1 pound.

Backing off $\frac{1}{4}$ turn will allow you to disassemble and reassemble your bow without tools.

Limb Alignment



You should not need to adjust limb alignment when using SKY ILF Limbs on your SKY 17" Riser, but if using another manufacturers ILF Limbs, you may find that you need to make slight adjustments in the limb alignment.



5. & 6. To make Limb Alignment Adjustments simple loosen or tighten the side set screws on either side of the limb pocket.

Seating the Limbs

Seat the Limbs by using a Bow Stringer.

String bow using a bow stringer. Pull the string 2-3" and ease off to seat limbs. Repeat at 5". Limbs should now be seated properly.

Bow should now be ready to shoot.



General Information

Periodically check your string.

Always inspect your bow for a frayed string. Replace a damaged string immediately. SKY Archery strings can be waxed and maintained as any other bow string. Please make sure you are using the proper string for your bow.

Do not alter your bow.

Any alterations to your SKY Archery bow will void the warranty. Alteration from original factory design could cause damage to the bow and/or personal injury.

General Safety Guidelines

1. The use of archery equipment by minor should **be closely supervised** by a knowledgeable adult.
2. Unless properly supervised, **keep out of the reach of children.**
3. Prior to using new equipment, **read the manufacturers instructions** or obtain instructions from a qualified authority.
4. Prior to each hunt, practice session or competition, inspect your equipment for signs of wear or damage, such as but not limited to frayed bowstring, cracks or dents in bow and/or arrow.
5. **Always inspect your arrows** for signs of cracks in either the shaft or the nock. If the arrow is cracked or badly bent, throw it away immediately. If the nock is damaged, replace it.
6. **Never** point, aim, or draw the bow in the direction of another person.
7. **Never** shoot at a target until you are sure it will stop your arrow.
8. **Inspect the area** behind your target to insure that it is clear of living creatures and objects that could be damaged.
9. **Be sure the arrows are the correct** length, weight, and spine for your bow. Shooting arrows that are too short can cause injury. Shooting arrow that are too light can approximate a DRY FIRE.
10. **NEVER DRY FIRE YOUR BOW.** Never draw back or shoot any bow without an arrow on the string — this is DRY FIRING YOUR BOW. Without the arrow to absorb the energy, dry-firing can damage your bow and possible cause personal injury.

**DRY FIRING YOUR BOW WILL VOID
ANY WARRANTY ON THE BOW.**

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Calculating Bow Length

- **Riser Bolt Pattern + Limb = Bow Length**

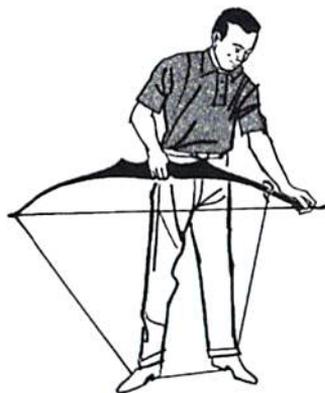
- Bolt Pattern is the length between limb bolts.
- The Bolt Pattern is 5" Shorter than Riser.
- 13" Riser = 8" Bolt Pattern
- 17" Riser = 12" Bolt Pattern

Example:
17" Riser + Long Limbs = 62" Bow
12" Bolt Pattern + (2 X 25" Limbs) = 62" Bow

Using Bow Stringer

We recommend that you use a bow stringer to string your recurve or longbow because this is a difficult operation and you can damage your bow without one.

1. Take the bow stringer, it has a saddle at one end and a cup at the other.
2. Slide the saddle over the top limb and place the smaller cup over the bottom limb tip.
3. Take the handle of the bow and block the stringer with both your feet.
4. Pull the handle vertically to bend the bow while supporting the saddle.
5. When the limbs are sufficiently bent, the bow stringer should remain in place and allow you to slowly slide the string up to the notch on the tip of the limb.
6. Release slowly and remove the bow stringer. Make sure the string is correctly positioned.



The bow is now strung and ready to shoot.

Please note:

We recommend that you also unstring the bow after each use with a bow stringer.

Measure Brace Height

Measure Brace Height (Fistmele) from the pivot point, or the most inward point of the grip, to the bowstring.

Adjusting Brace Height

The brace height can be adjusted by twisting or untwisting the string.

To increase brace height, unstring bow and leave the string on the top limb. Twist the bottom of the string tighter.

Restring the bow and measure the new brace height.

To shorten the brace height, untwist the string to loosen the string.

Arrows

We recommend 8 - 10 grains per pound for arrow weight.

All types of arrows (wood, aluminum or carbon) can be used with your SKY Archery bows. Regardless of arrow type, it is important that arrow are correctly spined (have the correct spine stiffness) for you draw weight. Check your arrow manufacturer's recommendations to determine the arrow size best suited for your bow at your draw length and weight. When shooting a nock for your arrow, make sure the nock is not too tight on the string as this will interfere with arrow flight and performance. At the same time, it should not be too loose as it could cause a dry fire.

SKY Archery Equipment Warranty

Each bow is backed by the SKY Archery Limited Warranty to the original owner only. All metal components, limb, polymer, and wood parts, grips or other bow components (excluding string) have a 2 year warranty against manufactured defects to the original owner only.

DRY FIRING YOUR BOW WILL VOID ANY WARRANTY ON THE BOW.

Bow Lengths & Brace Heights

BOW	BOW LENGTH	RECURVE ACTUAL STRING LENGTH	Longbow ACTUAL STRING LENGTH	BRACE HEIGHT
TR-7 & Conquest Advantage 25" Metal	66"	63"	52"	RECURVE 8.25" to 8.75"
	68"	65"	54"	
	70"	67"	56"	Longbow 8" to 8.5"
TDX21" Metal	62"	59"	56"	RECURVE 7.5" to 8.25"
	64"	61"	58"	
	66"	63"	60"	Longbow 7.25" to 8.5"
TD17" Wood & TDX17" Metal	58"	55"	60"	RECURVE 7.5" to 8.25"
	60"	57"	62"	
	62"	59"	64"	Longbow 7.25" to 8.5"
TD13" Wood & TDX13" Metal	54"	51"	64"	RECURVE 7.5" to 8.25"
	56"	53"	66"	
	58"	55"	68"	Longbow 7.25" to 8.5"
Thunder Recurve	60"	57"		7.5" to 8.25"
Eagle Recurve	62"	59"		7.5" to 8.25"
Rebel Longbow	58"		56"	6.25" to 7"
	60"		54"	
Longhorn Longbow	62"		60"	6.5" to 7.25"
	64"		62"	
	66"		64"	
Trophy Longbow	66"		62"	6.25" to 7"
Breeze Youth Recurve	52"	49"		6.25" to 6.75"
Hurricane Youth Longbow	54"		52"	6" to 6.5"

Proudly Made in the USA

All Prices include Federal Excise Tax.





SKY Archery is a leading manufacturer of high performance, high quality recurves and longbows for both the bow hunter and the target & field shooter. We use modern, cutting-edge technology to ensure quality, craftsmanship, and performance.

Our mission is to build for the future on the foundation of the past by combining the legacy of SKY Archery founded by Earl Hoyt Jr. in 1989 with Jim Belcher's 50 years of archery experience.



Jim Belcher
Master Bowyer

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